

# Setra Model 450

## Direct Thermal Printer



Setra's 450 printer is a high-performance, direct thermal barcode printer. The printer features a positive-locking, self-aligning printhead mechanism that is perfect for printing shipping labels, retail labels, package labels, and many other types and styles of labels. The printer accommodates roll-form media up to 5 inches in diameter and can easily be adjusted to work with rolls from 1 inch to 4.5 inches in width. The Setra 450 offers maximum performance at a market leading low price.

### Specifications

|                    |   |
|--------------------|---|
| Printing Method    | Direct Thermal  |
| Print Resolution   | 8 dots/mm (~203 dots/in.)   |
| Printing Speed     | 2-4 in./sec. (51-101 mm/sec.)   |
| Form Length        | 1-68 in. (25-1727 mm)   |
| Form Width         | Max. 4.25 in. (108 mm)  |
| Print Media        | Direct thermal paper, roll form.<br>Max. width 4.25 in. (~108 mm)<br>Min. width 1.0 in. (25.4 mm)<br>Allowable thickness range:<br>.0025" to 01" (.0635mm to .2mm)<br>Max. Roll OD: 5" (127mm)<br>Roll Core: 1" (25mm) ID |
| Fonts              | 11 alphanumeric fonts. All fonts scalable up to 8x and can be rotated from 0 to 270°<br>Downloadable soft-fonts stored in memory.   |
| Graphics Indicator | PCX bitmap, GDI graphics<br>LEDs (Red, Orange, Green)   |

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|--------------------|---|
| 1-D Barcodes       | Code 39, Code 93, Code 128 (subset A, B, C), UCC 128, UCC/EAN-128 K-Mart, UCC/EAN-128, UPC A/E (add on 2 & 5), 1 2 of 5, 1 2 of 5 with Shipping Bearer Bars, EAN 8/13 (add on 2 & 5), Codebar, Post NET, EAN 128, DUN 14, MaxiCode, HIBC, Plessey, Random weight, Telepen, FIM, China Postal Code, RPS 128, FDP417 & Datamatrix code, QR Code |
| Operator Controls  | Pushbutton for feeding forms, and for mode-setting at power-on  |
| Comm. Interfaces   | Serial (RS-232) used for direct connection to a Setra SuperII or other Setra scale.   |
| Media Sensor       | Automatically detects breaks between individual labels  |
| Cable & Adaptor    | 6-foot SuperII-to-Setra 450 serial cable  |
| CPU type           | 32-bit microprocessor   |
| Input Power        | 110/220 VAC ±10%, 50/60 Hz  |
| Operating Environ. | Temp: 40° F to 104° F (5° C to 40° C)<br>Humidity: 30% to 85% non-condensing  |
| Sizes & Weights    | Printer: 6.61" wide; 8.58" deep; 6.53" high;<br>2.5 kg w/out paper.   |
| Agency listings    | CE, CUL, FCC, class A   |
| Supplies           | Adhesive labels on rolls w/in required dimension  |

### Features

- 4MB Flash Memory
- 32-bit Microprocessor
- Media Sensor
- Market Leading Low Price

### Benefits

- Prints High Quantities of High Quality Labels
- Improved Performance and Increased Reliability
- Automatically Detects Breaks Between Labels
- Maximum Performance and Affordability



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